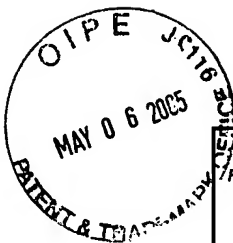




<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 58629(47171)	
Application No. 10/789,385-Conf. #4938	Filing Date February 27, 2004	Examiner G. Cantelmo	Art Unit 1745		
Applicant(s): Paul Sabin et al.					
Invention: EXTERNALLY MANIFOLDED MEMBRANE BASED ELECTROCHEMICAL CELL STACKS					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims		- 20 =		x	
Independent Claims		- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input type="checkbox"/> Large Entity <span style="float: right;"><input checked="" type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 John B. Alexander, Ph.D. Attorney Reg. No.: 48,399  EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444				Dated: <u>May 6, 2005</u>	
<div style="border: 1px solid black; padding: 5px;"><p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 493 499 233 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.</p><div style="display: flex; justify-content: space-between;"><div>Dated: May 6, 2005</div><div>Signature:  (Elisabeth Dunkle)</div></div></div>					



5-7-05

JFW #

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/789,385-Conf. #4938
		Filing Date	February 27, 2004
		First Named Inventor	Paul Sabin
		Examiner Name	G. Cantelmo
		Art Unit	1745
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	58629(47171)	
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 240.00			

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>04-1105</u> Deposit Account Name: <u>Edwards &amp; Angell, LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
							<b>Small Entity</b>
							<b>Fee (\$)</b>
<b>2. EXCESS CLAIM FEES</b>							<b>Fee (\$)</b>
<b>Fee Description</b>							<b>Fee (\$)</b>
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
							180
<b>Total Claims</b>							<b>Multiple Dependent Claims</b>
<b>Extra Claims</b>							<b>Fee (\$)</b>
<b>Fee (\$)</b>							<b>Fee Paid (\$)</b>
- 20 = _____ x _____ = _____							
<b>Indep. Claims</b>							<b>Fee Paid (\$)</b>
<b>Extra Claims</b>							
<b>Fee (\$)</b>							
- 3 = _____ x _____ = _____							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
- 100 = _____		/50	_____ (round up to a whole number) x		_____	= _____	
<b>4. OTHER FEE(S)</b>							<b>Fees Paid (\$)</b>
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 2251 Extension for response within first month							60.00
1806 Submission of an Information Disclosure Statement							180.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	48,399
Name (Print/Type)	John B. Alexander, Ph.D.	Telephone	(617) 439-4444
		Date	May 6, 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 493 499 233 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 6, 2005

Signature: (Elisabeth Dunkle)



Application No. (if known): 10/789,385

Attorney Docket No.: 58629(47171)

## Certificate of Express Mailing Under 37 CFR 1.10

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on May 6, 2005  
Date



Signature

Elisabeth Dunkle

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Amendment Transmittal  
Amendment  
Replacement Sheets (Figs. 5, 6, and 7)  
Request for Extension of Time  
IDS (Citation) by Applicant (4 References) (1 page)  
Information Disclosure Statement  
Fee Transmittal  
Charge \$240.00 to deposit account 04-1105



Docket No. 58629 (47171)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: P. Sabin, et al.

Serial No.: 10/789,385

Group: 1745

Filed: February 27, 2004

Examiner: G. Cantelmo

For: **EXTERNALLY MANIFOLDED MEMBRANE BASED ELECTROCHEMICAL  
CELL STACKS**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

Applicants are in receipt of the Office Action dated February 4, 2005. Please consider the remarks set forth below and amend the above-identified application as indicated:

**Amendments to the specification** are reflected on page 2 of this paper.

**Amendments to the claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the drawings** are reflected on page 11 of this paper.

**Remarks** begin on page 12 of this paper.